IN THE CLAIMS

Please amend the claims as indicated:

1. Canceled

2. (original) In a method for determining a fracture pressure gradient of a subsurface region of earth formations comprising:

(a) obtaining seismic survey information about the subsurface region;

(b) identifying a plurality of interpreted seismic horizons of interest from the obtained survey information;

(c) obtaining estimated seismic velocities corresponding to at least one interval between at least one pair of said plurality of seismic horizons;

(d) calibrating the estimated seismic velocities to the parameter of interest

(e) using the results of said calibration and the obtained seismic velocities to obtain said fracture pressure gradient at any location within the seismic survey;

an improvement comprising displaying the parameter of interest on one of:

(i) P- or S-wave velocity displays;

(ii) P-wave impedance displays;

(iii) S-wave impedance displays;

(iv) P-wave frequency attribute displays;

(v) S-wave frequency attribute displays;

(vi) P-wave phase attribute displays;

(vii) S-wave phase attribute displays;

(viii) density displays;

(ix) P-wave amplitude attribute displays;

(x) S-wave amplitude attribute displays.

3. Canceled

4. Canceled.